



ELSEVIER

Animal Reproduction Science 37 (1995) 357-359

ANIMAL
REPRODUCTION
SCIENCE

Contents of *Animal Reproduction Science*, Volume 37

VOL. 37 NO. 1

NOVEMBER 1994

Characteristics of ovulations in superovulated cattle B. Purwantara, H. Callesen and T. Greve (Frederiksberg, Denmark)	1
Effect of the Booroola gene on time of ovulation and ovulatory dynamics C.J.H. Souza, J.C.F. Moraes and L.M. Chagas (Bagé, RS, Brazil)	7
Seasonal effects of antihistamine on mean serum concentrations of luteinizing hormone, growth hormone and prolactin in ovariectomized ewes B.M. Alexander, W.J. Murdoch (Laramie, WY, USA), D.M. Hallford (Las Cruces, NM, USA) and G.E. Moss (Laramie, WY, USA)	15
Adrenocorticotrophin (ACTH) 1-39 and corticotrophin releasing hormone (CRH) induced changes in luteinizing hormone secretion from perfused ovine pituitaries D. Smart (Neston, UK)	25
Local increase of steroid hormone concentrations in blood supplying the uterus and oviduct in anaesthetized and conscious gilts S. Stefanczyk-Krzymowska, J. Skipor, W. Grzegorzewski, B. Wasowska and T. Krzymowski (Olsztyn, Poland)	35
Short-term stimulation of luteinizing hormone (LH) secretion by naloxone treatment in the pregnant gilt B. Szafranska (Olsztyn-Kortowo, Poland), R.M. Weigl and J.E. Tilton (Fargo, ND, USA) ..	43
Effects of anti-progesterone murine monoclonal antibodies on plasma progesterone concentrations and on anti-mouse reactions in cyclic pigs P. Boaman, J.M. Schakenraad, R. Veerhuis, D.F.M. Van de Wiel, W. Koops, M. Tieman and L. Kruyt (Zeist, Netherlands)	51
Blastocyst formation of pig embryos derived from in vitro fertilization of in vitro matured pig oocytes in the amniotic fluid of a developing chick embryo M.B. Ocampo (Sapporo, Japan), L.C. Ocampo (Nueva Ecija, Philippines), T. Mori, J. Ueda, H. Shimizu and H. Kanagawa (Sapporo, Japan)	65
Influence of prolactin on foetal survival in rabbit does L. Fortun, G. Bolet and F. Lebas (Castanet Tolosan, France)	75
Guide for Authors	85
Erratum	91
Announcement	93

VOL. 37 NO. 2

JANUARY 1995

Influence of perioestrous suprabasal progesterone levels on cycle length, oestrous behaviour and ovulation in heifers M. Duchens, M. Maciel (Uppsala, Sweden), H. Gustafsson (Eskilstuna, Sweden), M. Forsberg, H. Rodriguez-Martinez and L.-E. Edqvist (Uppsala, Sweden).....	95
Secretion of gonadotrophins change during the luteal phase of the bovine oestrous cycle in the absence of corresponding changes in progesterone or 17β -oestradiol A.S. Cupp, T.T. Stumpf, F.N. Kojima, L.A. Werth, M.W. Wolfe, M.S. Roberson, R.J. Kittok and J.E. Kinder (Lincoln, NE, USA)	109
Plasma oestradiol and progesterone during early pregnancy in the cow and the effects of treatment with buserelin G.E. Mann, G.E. Lamming and M.D. Fray (Loughborough, UK)	121
Arena behaviour of ewes selected for superior mothering ability differs from that of unselected ewes R.J. Kilgour and M.R. Szantar-Coddington (Trangie, N.S.W., Australia)	133
Development of a chemically defined ram semen diluent (RSD-1) G.C. Upredi, J.E. Oliver, D.M. Duganzich, R. Munday and J.F. Smith (Hamilton, New Zealand)	143
Oestrous synchronisation in farmed fallow deer (<i>Dama dama</i>): effects of season, treatment duration and the male on the efficacy of the intravaginal CIDR device C.J. Morrow, G.W. Asher and K.L. Macmillan (Hamilton, New Zealand)	159
Cortisol and β -endorphin levels in peripheral circulation around weaning in primiparous sows V.T. Tsuma, S. Einarsson, A. Madej and N. Lundehheim (Uppsala, Sweden)	175
Book review	
Reproductive physiology	183

VOL. 37 NOS. 3,4

FEBRUARY 1995

Review

Frozen storage of ram semen I. Processing, freezing, thawing and fertility after cervical insemination S. Salamon and W.M.C. Maxwell (Sydney, N.S.W., Australia)	185
Oestrogen sulphatase activity in endometrium and foetal membranes of late gestational and parturient cows B.P.M. Janszen, M.M. Bevers, H.T.M. Van Tol, S.J. Dieleman, G.C. Van der Weijden and M.A.M. Taverne (Utrecht, Netherlands)	251
Frequency of luteinizing hormone pulses and circulating 17β -oestradiol concentration in cows is related to concentration of progesterone in circulation when the progesterone comes from either an endogenous or exogenous source E.G. Bergfeld, F.N. Kojima, M.E. Wehrman, A.S. Cupp, K.E. Peters, V. Mariscal, T. Sanchez, R.J. Kittok, M. Garcia-Winder and J.E. Kinder (Lincoln, NE, USA)	257
Influence of diet and ambient temperature on bovine serum insulin-like growth factor-I and thyroxine: relationships with non-esterified fatty acids, glucose, insulin, luteinizing hormone and progesterone M.W. Richards, L.J. Spicer and R.P. Wettemann (Stillwater, OK, USA)	267
Ultrastructure of <i>in vitro</i> matured bovine oocytes after controlled freezing in 10% glycerol M. Schmidt, P. Hyttel, B. Avery and T. Greve (Copenhagen, Denmark)	281
Sperm chromosome analysis of Karan Swiss and Karan Fries crossbred bulls K.P. Ramesha (Bangalore, India) and S.L. Goswami (Karnal, India)	291

The comparative effects of undernutrition, exercise and frequency of ejaculation on the size and tone of the testes and on semen quality in the ram C.J. Thwaites (Armidale, N.S.W., Australia)	299
The effects of long-acting oxytocin, GnRH and FSH administration on thyroxin, triiodothyronine, oestradiol 17- β and progesterone levels as well as conception rates in post-partum ewes E. Bekeova, M. Krajnicakova, V. Hendrichovsky and I. Maracek (Kosice, Slovakia)	311
Bacterial endometritis and vaginal discharge in the sow: prevalence of different bacterial species and experimental reproduction of the syndrome P.J.J. De Winter, M. Verdonck, A. De Kruif, L.A. Devriese and F. Haesebrouck (Ghent, Belgium)	325
Effect of transport stress and hydrocortisone on the oestrogen-induced luteinizing hormone surge in pigs A.J. Ziecik and A. Ziemińska (Olsztyn, Poland)	337
Seasonal and other factors affecting the sexual behaviour of alpacas J.C. Pollard, R.P. Littlejohn (Mosgiel, New Zealand) and G.H. Moore (Omarama, New Zealand)	348